

(19)



Europäisches  
Patentamt  
European  
Patent Office  
Office européen  
des brevets



(11)

EP 1 844 723 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
25.06.2008 Bulletin 2008/26

(51) Int Cl.:  
A61B 18/14 (2006.01)

(43) Date of publication A2:  
17.10.2007 Bulletin 2007/42

(21) Application number: 07010394.0

(22) Date of filing: 01.02.2001

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE TR

(30) Priority: 03.02.2000 US 179959 P

(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:  
01905397.4 / 1 255 500

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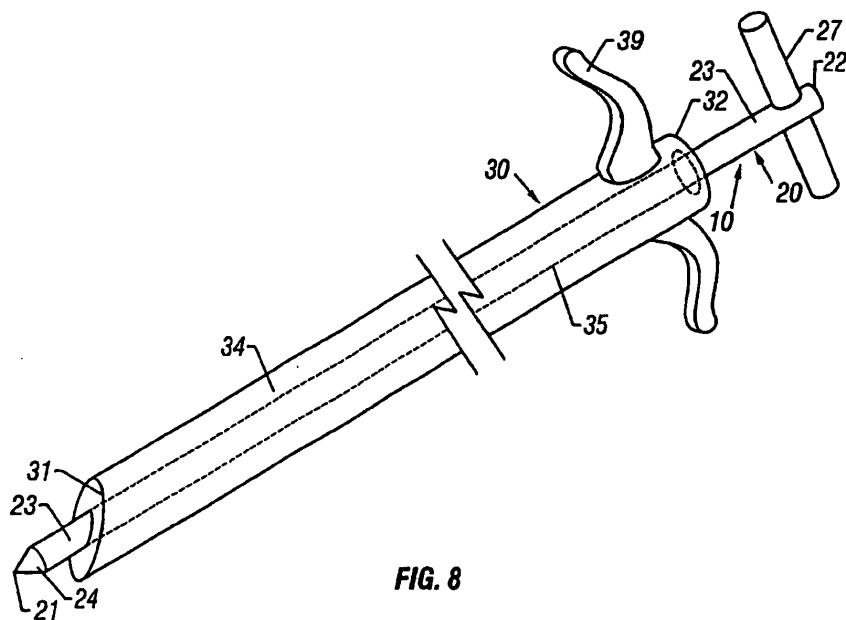
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### (54) Intraosseous nerve ablation system

(57) An intraosseous nerve ablation system (50) for  
ablation an intraosseous nerve within a bone, comprising  
a boring device; a sleeve (30); a nerve ablation device  
(10); wherein the boring device is configured to form a  
passageway in the bone; wherein the sleeve (30) is con-

figured to facilitate alignment of the boring device with  
the bone during formation of the passageway; and  
wherein the nerve ablation device (10) is configured to  
be inserted into the passageway after removal of the bor-  
ing device from the passageway.





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X, P	EP 1 059 067 A (SHERWOOD SERV AG [CH]) 13 December 2000 (2000-12-13) * paragraphs [0010], [0011], [0037] - [0039], [0048]; figures 1-3 *	1-8	INV. A61B18/14
A	WO 99/34860 A (RADIONICS INC [US]; RACZ GABOR B [US]; FINCH PHILIP [AU]) 15 July 1999 (1999-07-15) * page 3, line 24 - page 4, line 21; figure 1 *	1-8	
A	US 4 573 448 A (KAMBIN PARVIZ [US]) 4 March 1986 (1986-03-04) * column 2, lines 3-36; figure 8 *	1-8	
A	US 5 433 739 A (SLUIJTER MENNO E [US] ET AL) 18 July 1995 (1995-07-18) * abstract; figures 1,7 *	1-8	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61B
The present search report has been drawn up for all claims			
6	Place of search	Date of completion of the search	Examiner
	Munich	7 May 2008	Schoeffmann, Herbert
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.

EP 07 01 0394

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

07-05-2008

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1059067	A	13-12-2000	CA DE DE ES	2310822 A1 60019195 D1 60019195 T2 2239964 T3		11-12-2000 12-05-2005 09-03-2006 16-10-2005
WO 9934860	A	15-07-1999	AU EP US	2109799 A 1045715 A1 6146380 A		26-07-1999 25-10-2000 14-11-2000
US 4573448	A	04-03-1986	NONE			
US 5433739	A	18-07-1995	US	5571147 A		05-11-1996